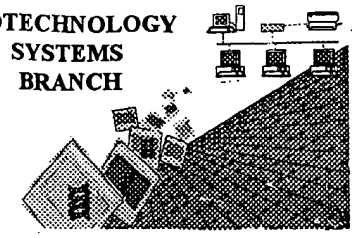
BIOTECHNOLOGY
SYSTEMS
BRANCH



RAW SEQUENCE LISTING ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 10/743,423
Source: IFW0
Date Processed by STIC: 1/7/04

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.
PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

1) **INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,**
2) **TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY**

FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, TELEPHONE: 703-308-4212; FAX: 703-308-4221
Effective 12/13/03: **TELEPHONE: 571-272-2510; FAX: 571-273-0221**

TO REDUCE ERRORED SEQUENCE LISTINGS, **PLEASE** USE THE **CHECKER VERSION 4.1 PROGRAM**, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:
http://www.uspto.gov/web/offices/pac/checker/chkr41note.htm

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.
Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.
Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<**http://www.uspto.gov/ebc/efs/downloads/documents.htm**> , **EFS Submission User Manual** - ePAVE)
2. **U.S. Postal Service:** Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. **Hand Carry directly to (EFFECTIVE 12/01/03):**
   U.S. Patent and Trademark Office, Box Sequence, Customer Window, Lobby, Room 1B03, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202
4. **Federal Express, United Parcel Service, or other delivery service to:** U.S. Patent and Trademark Office, Box Sequence, Room 1B03-Mailroom, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202

Revised 10/08/03

Raw Sequence Listing Error Summary

ERROR DETECTED **SUGGESTED CORRECTION** SERIAL NUMBER: 10/743,423

ATTN: NEW RULES CASES: PLEASE DISREGARD ENGLISH "ALPHA" HEADERS, WHICH WERE INSERTED BY PTO SOFTWARE

1____Wrapped Nucleics
Wrapped Aminos — The number/text at the end of each line "wrapped" down to the next line. This may occur if your file was retrieved in a word processor after creating it. Please adjust your right margin to .3; this will prevent "wrapping."

2____Invalid Line Length — The rules require that a line **not exceed** 72 characters in length. This includes white spaces.

3____Misaligned Amino Numbering — The numbering under each 5th amino acid is misaligned. Do **not** use tab codes between numbers; use **space characters**, instead.

4____Non-ASCII — The submitted file was **not** saved in ASCII(DOS) text, as **required** by the Sequence Rules. Please **ensure your subsequent submission is saved in ASCII text.**

5____Variable Length — Sequence(s)____contain n's or Xaa's representing more than one residue. **Per Sequence Rules, each n or Xaa can only represent a single residue.** Please present the **maximum** number of each residue having variable length and indicate in the <220>-<223> section that some may be missing.

6____PatentIn 2.0 "bug" — A "bug" in PatentIn version 2.0 has caused the <220>-<223> section to be missing from amino acid sequences(s) _____. Normally, PatentIn would automatically generate this section from the previously coded nucleic acid sequence. Please manually copy the relevant <220>-<223> section to the subsequent amino acid sequence. **This applies to the mandatory <220>-<223> sections for Artificial or Unknown sequences.**

7____Skipped Sequences (OLD RULES) — Sequence(s) _____ missing. If intentional, please insert the following lines for **each** skipped sequence:
(2) INFORMATION FOR SEQ ID NO:X: (insert SEQ ID NO where "X" is shown)
(i) SEQUENCE CHARACTERISTICS: (Do not insert any subheadings under this heading)
(xi) SEQUENCE DESCRIPTION:SEQ ID NO:X: (insert SEQ ID NO where "X" is shown)
This sequence is intentionally skipped

Please also adjust the "(ii) NUMBER OF SEQUENCES:" response to **include** the skipped sequences.

8____Skipped Sequences (NEW RULES) — Sequence(s) _____ missing. If **intentional**, please insert the following lines for **each** skipped sequence.
<210> sequence id number
<400> sequence id number
000

9____Use of n's or Xaa's (NEW RULES) — Use of n's and/or Xaa's have been detected in the Sequence Listing.
Per 1.823 of Sequence Rules, use of <220>-<223> is MANDATORY if n's or Xaa's are present.
In <220> to <223> section, please explain location of **n** or **Xaa**, and which residue **n** or **Xaa** represents.

10____Invalid <213> Response — Per 1.823 of Sequence Rules, the only **valid** <213> responses are: Unknown, Artificial Sequence, or scientific name (Genus/species). <220>-<223> section is **required** when <213> response is Unknown or is Artificial Sequence

11__✓__Use of <220> — Sequence(s) 1-26 ~~missing the <220> "Feature" and associated numeric identifiers and responses.~~
Use of <220> to <223> is MANDATORY if <213> "Organism" response is "Artificial Sequence" or "Unknown." Please explain source of genetic material in <220> to <223> section.
(See "Federal Register," 07/01/1998, Vol. 63, No. 104, pp. 29631-32) (Sec. 1.823 of Sequence Rules)

12____PatentIn 2.0 "bug" — Please do not use "Copy to Disk" function of PatentIn version 2.0. This causes a corrupted file, resulting in missing mandatory numeric identifiers and responses (as indicated on raw sequence listing). Instead, please use "File Manager" or any other manual means to copy file to floppy disk.

13____Misuse of n/Xaa — "n" can only represent a single nucleotide; "Xaa" can only represent a single amino acid

IFWO

RAW SEQUENCE LISTING DATE: 01/07/2004
PATENT APPLICATION: **US/10/743,423** TIME: 15:20:23

Input Set : **A:\PTO.YF.txt**
Output Set: **N:\CRF4\01072004\J743423.raw**

```
  3 <110> APPLICANT: Bolt, Sarah L.
  4       Clark, Michael R.
  5       Gorman, Scott D.
  6       Routledge, Edward G.
  7       Waldmann, Herman
  9 <120> TITLE OF INVENTION: HUMANIZED ANTI-CD3 SPECIFIC ANTIBODIES (as amended)
 11 <130> FILE REFERENCE: bolt et al
C--> 13 <140> CURRENT APPLICATION NUMBER: US/10/743,423
C--> 14 <141> CURRENT FILING DATE: 2003-12-23
 16 <150> PRIOR APPLICATION NUMBER: 9206422.9
 17 <151> PRIOR FILING DATE: 1992-03-24
 19 <150> PRIOR APPLICATION NUMBER: PCT/GB92/01933
 20 <151> PRIOR FILING DATE: 1992-10-21
 22 <160> NUMBER OF SEQ ID NOS: 26
 24 <170> SOFTWARE: PatentIn Ver. 2.1
 26 <210> SEQ ID NO: 1
 27 <211> LENGTH: 5
 28 <212> TYPE: PRT
 29 <213> ORGANISM: Artificial Sequence
 31 <220> FEATURE:
 32 <223> OTHER INFORMATION: Description of Artificial Sequence: artificial
 33      peptide
 35 <400> SEQUENCE: 1
 36 Ser Phe Pro Met Ala
 37   1               5
 40 <210> SEQ ID NO: 2
 41 <211> LENGTH: 17
 42 <212> TYPE: PRT
 43 <213> ORGANISM: Artificial Sequence
 46 <220> FEATURE:
 47 <223> OTHER INFORMATION: Description of Artificial Sequence: artificial
 48      peptide
 50 <400> SEQUENCE: 2
 51 Thr Ile Ser Thr Ser Gly Gly Arg Thr Tyr Tyr Arg Asp Ser Val Lys Gly
 52   1               5                  10                  15
 55 <210> SEQ ID NO: 3
 56 <211> LENGTH: 10
 57 <212> TYPE: PRT
 58 <213> ORGANISM: Artificial Sequence
 60 <220> FEATURE:
 61 <223> OTHER INFORMATION: Description of Artificial Sequence: artificial
 62      peptide
 64 <400> SEQUENCE: 3
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Does Not Comply
Corrected Diskette Needed
(Pg. 1-5)

Please see item 11, ow error summary sheet.

RAW SEQUENCE LISTING DATE: 01/07/2004
PATENT APPLICATION: **US/10/743,423** TIME: 15:20:23

Input Set : **A:\PTO.YF.txt**
Output Set: **N:\CRF4\01072004\J743423.raw**

```
65 Phe Arg Gln Tyr Ser Gly Gly Phe Asp Tyr
66   1               5                  10
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70 <211> LENGTH: 13
71 <212> TYPE: PRT
72 <213> ORGANISM: Artificial Sequence
74 <220> FEATURE:
75 <223> OTHER INFORMATION: Description of Artificial Sequence: artificial
76       peptide
78 <400> SEQUENCE: 4
79 Thr Leu Ser Ser Gly Asn Ile Glu Asn Asn Tyr Val His
80   1               5                  10
83 <210> SEQ ID NO: 5
84 <211> LENGTH: 7
85 <212> TYPE: PRT
86 <213> ORGANISM: Artificial Sequence
88 <220> FEATURE:
89 <223> OTHER INFORMATION: Description of Artificial Sequence: artificial
90       peptide
92 <400> SEQUENCE: 5
93 Asp Asp Asp Lys Arg Pro Asp
94   1               5
97 <210> SEQ ID NO: 6
98 <211> LENGTH: 9
99 <212> TYPE: PRT
100 <213> ORGANISM: Artificial Sequence
102 <220> FEATURE:
103 <223> OTHER INFORMATION: Description of Artificial Sequence: artificial
104       peptide
106 <400> SEQUENCE: 6
107 His Ser Tyr Val Ser Ser Phe Asn Val
108   1               5
111 <210> SEQ ID NO: 7
112 <211> LENGTH: 30
113 <212> TYPE: PRT
114 <213> ORGANISM: Artificial Sequence
116 <220> FEATURE:
117 <223> OTHER INFORMATION: Description of Artificial Sequence: artificial
118       peptide
120 <400> SEQUENCE: 7
121 Glu Val Gln Leu Leu Glu Ser Gly Gly Gly Leu Val Gln Pro Gly Gly
122   1               5                  10                  15
124 Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Thr Phe Ser
125             20                  25                  30
128 <210> SEQ ID NO: 8
129 <211> LENGTH: 14
130 <212> TYPE: PRT
131 <213> ORGANISM: Artificial Sequence
133 <220> FEATURE:
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same error

same error

same error

same error

RAW SEQUENCE LISTING DATE: 01/07/2004
PATENT APPLICATION: **US/10/743,423** TIME: 15:20:23

Input Set : **A:\PTO.YF.txt**
Output Set: **N:\CRF4\01072004\J743423.raw**

```
134 <223> OTHER INFORMATION: Description of Artificial Sequence: artificial
135       peptide
137 <400> SEQUENCE: 8
138 Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val Ser
139   1               5                  10
142 <210> SEQ ID NO: 9
143 <211> LENGTH: 32
144 <212> TYPE: PRT
145 <213> ORGANISM: Artificial Sequence
147 <220> FEATURE:
148 <223> OTHER INFORMATION: Description of Artificial Sequence: artificial
149       peptide
151 <400> SEQUENCE: 9
152 Arg Phe Thr Ile Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln
153   1               5                  10                  15
155 Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys
156              20                  25                  30
162 <210> SEQ ID NO: 10
163 <211> LENGTH: 11
164 <212> TYPE: PRT
165 <213> ORGANISM: Artificial Sequence
167 <220> FEATURE:
168 <223> OTHER INFORMATION: Description of Artificial Sequence: artificial
169       peptide
171 <400> SEQUENCE: 10
172 Trp Gly Gln Gly Thr Leu Val Thr Val Ser Ser
173   1               5                  10
176 <210> SEQ ID NO: 11
177 <211> LENGTH: 119
178 <212> TYPE: PRT
179 <213> ORGANISM: Artificial Sequence
181 <220> FEATURE:
182 <223> OTHER INFORMATION: Description of Artificial Sequence: artificial
183       peptide
185 <400> SEQUENCE: 11
186 Glu Val Gln Leu Leu Glu Ser Gly Gly Gly Leu Val Gln Pro Gly Gly
187   1               5                  10                  15
189 Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Thr Phe Ser Ser Phe
190              20                  25                  30
192 Pro Met Ala Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val
193          35                  40                  45
195 Ser Thr Ile Ser Thr Ser Gly Gly Arg Thr Tyr Tyr Arg Asp Ser Val
196      50                  55                  60
198 Lys Gly Arg Phe Thr Ile Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr
199  65                  70                  75                  80
201 Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys
202                  85                  90                  95
204 Ala Lys Phe Arg Gln Tyr Ser Gly Gly Phe Asp Tyr Trp Gly Gln Gly
205              100                 105                 110
```

RAW SEQUENCE LISTING DATE: 01/07/2004
PATENT APPLICATION: **US/10/743,423** TIME: 15:20:23

Input Set : **A:\PTO.YF.txt**
Output Set: **N:\CRF4\01072004\J743423.raw**

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207 Thr Leu Val Thr Val Ser Ser
208         115
211 <210> SEQ ID NO: 12
212 <211> LENGTH: 22
213 <212> TYPE: PRT
214 <213> ORGANISM: Artificial Sequence
216 <220> FEATURE:
217 <223> OTHER INFORMATION: Description of Artificial Sequence: artificial
218       peptide
220 <400> SEQUENCE: 12
221 Asp Phe Met Leu Thr Gln Pro His Ser Val Ser Glu Ser Pro Gly Lys
222   1               5                  10                  15
224 Thr Val Ile Ile Ser Cys
225              20
228 <210> SEQ ID NO: 13
229 <211> LENGTH: 15
230 <212> TYPE: PRT
231 <213> ORGANISM: Artificial Sequence
233 <220> FEATURE:
234 <223> OTHER INFORMATION: Description of Artificial Sequence: artificial
235       peptide
237 <400> SEQUENCE: 13
238 Trp Tyr Gln Gln Arg Pro Gly Arg Ala Pro Thr Thr Val Ile Phe
239   1               5                  10                  15
242 <210> SEQ ID NO: 14
243 <211> LENGTH: 34
244 <212> TYPE: PRT
245 <213> ORGANISM: Artificial Sequence
247 <220> FEATURE:
248 <223> OTHER INFORMATION: Description of Artificial Sequence: artificial
249       peptide
251 <400> SEQUENCE: 14
252 Gly Val Pro Asp Arg Phe Ser Gly Ser Ile Asp Arg Ser Ser Asn Ser
253   1               5                  10                  15
255 Ala Ser Leu Thr Ile Ser Gly Leu Gln Thr Glu Asp Glu Ala Asp Tyr
256              20                  25                  30
258 Tyr Cys
262 <210> SEQ ID NO: 15
263 <211> LENGTH: 10
264 <212> TYPE: PRT
265 <213> ORGANISM: Artificial Sequence
267 <220> FEATURE:
268 <223> OTHER INFORMATION: Description of Artificial Sequence: artificial
269       peptide
271 <400> SEQUENCE: 15
272 Phe Gly Gly Gly Thr Lys Leu Thr Val Leu
273   1               5                  10
276 <210> SEQ ID NO: 16
277 <211> LENGTH: 110
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Same error

Same error

Same error

Same error

RAW SEQUENCE LISTING DATE: 01/07/2004
PATENT APPLICATION: **US/10/743,423** TIME: 15:20:23

Input Set : **A:\PTO.YF.txt**
Output Set: **N:\CRF4\01072004\J743423.raw**

278 <212> TYPE: PRT
279 <213> ORGANISM: Artificial Sequence
281 <220> FEATURE:
283 <223> OTHER INFORMATION: Description of Artificial Sequence: artificial
284 peptide
286 <400> SEQUENCE: 16
287 Asp Phe Met Leu Thr Gln Pro His Ser Val Ser Glu Ser Pro Gly Lys
288 1 5 10 15
290 Thr Val Ile Ile Ser Cys Thr Leu Ser Ser Gly Asn Ile Glu Asn Asn
291 20 25 30
293 Tyr Val His Trp Tyr Gln Gln Arg Pro Gly Arg Ala Pro Thr Thr Val
294 35 40 45
296 Ile Phe Asp Asp Asp Lys Arg Pro Asp Gly Val Pro Asp Arg Phe Ser
297 50 55 60
299 Gly Ser Ile Asp Arg Ser Ser Asn Ser Ala Ser Leu Thr Ile Ser Gly
300 65 70 75 80
302 Leu Gln Thr Glu Asp Glu Ala Asp Tyr Tyr Cys His Ser Tyr Val Ser
303 85 90 95
305 Ser Phe Asn Val Phe Gly Gly Gly Thr Lys Leu Thr Val Leu
306 100 105 110
309 <210> SEQ ID NO: 17
310 <211> LENGTH: 15
311 <212> TYPE: DNA
312 <213> ORGANISM: Unknown Organism
314 <220> FEATURE:
315 <223> OTHER INFORMATION: Description of Unknown Organism: unknown
317 <400> SEQUENCE: 17
318 agctttccaa tggcc 15
321 <210> SEQ ID NO: 18
322 <211> LENGTH: 51
323 <212> TYPE: DNA
324 <213> ORGANISM: Unknown Organism
326 <220> FEATURE:
327 <223> OTHER INFORMATION: Description of Unknown Organism: unknown
329 <400> SEQUENCE: 18
330 accattagta ctagtggtgg tagaacttac tatcgagact ccgtgaaggg c 51
333 <210> SEQ ID NO: 19
334 <211> LENGTH: 30
335 <212> TYPE: DNA
336 <213> ORGANISM: Unknown Organism
338 <220> FEATURE:
339 <223> OTHER INFORMATION: Description of Unknown Organism: unknown
341 <400> SEQUENCE: 19
342 tttcggcagt acagtggtgg ctttgattac 30
345 <210> SEQ ID NO: 20
346 <211> LENGTH: 39
347 <212> TYPE: DNA
348 <213> ORGANISM: Unknown Organism
350 <220> FEATURE:

Same error

-Invalid Response please see item 11 on error summary sheet.

-INVALID respance please see item 11, on error summary sheet

The type of errors shown exist throughout the Sequence Listing. Please check subsequent sequences for similar errors.

The type of errors shown exist throughout the Sequence Listing. Please check subsequent sequences for similar errors.

VERIFICATION SUMMARY DATE: 01/07/2004
PATENT APPLICATION: **US/10/743,423** TIME: 15:20:24

Input Set : **A:\PTO.YF.txt**
Output Set: **N:\CRF4\01072004\J743423.raw**

L:13 M:270 C: Current Application Number differs, Replaced Current Application Number
L:14 M:271 C: Current Filing Date differs, Replaced Current Filing Date